

**WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

ANNUAL GROWING AREA REVIEW

PREPARED BY: Donald Melvin, Environmental Specialist

AREA: Southwest Whidbey Island

YEAR ENDING: December 31, 2005

CLASSIFICATION: Approved, Prohibited, Unclassified

ACTIVITIES IN THE GROWING AREA IN 2005:

Samples were collected from each station in the growing area 6 times during the year using the systematic random sampling method. DOH completed closure zone evaluations in Usless Bay and Cultus Bay.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

- ☒ Well within the classification standards
- ☐ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Table #1 shows that all stations meet the NSSP water quality standards for approved classification and the area is correctly classified.

TABLE 1

Growing Area: **SOUTH WEST WHIDBEY**Classification: **Approved,Unclassified,Prohibited**From **03/29/2001** To **10/06/2005****FECAL COLIFORM ORGANISMS/100 ML**

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
248	Approved	31	1.7 - 4.5	1.9	2.0	Yes
249	Approved	31	1.7 - 13.0	2.2	4.0	Yes
250	Approved	31	1.7 - 49.0	2.0	4.0	Yes
254	Approved	31	1.7 - 49.0	2.0	4.0	Yes
256	Approved	30	1.7 - 2.0	1.7	1.0	Yes
257	Approved	31	1.7 - 2.0	1.7	1.0	Yes
258	Approved	31	1.7 - 79.0	2.4	7.0	Yes
259	Approved	31	1.7 - 7.8	1.9	2.0	Yes
260	Approved	31	1.7 - 4.5	1.9	2.0	Yes
246	Unclassified	31	1.7 - 33.0	2.4	5.0	Yes
247	Unclassified	31	1.7 - 78.0	2.9	8.0	Yes
309	Unclassified	13	1.7 - 22.0	4.1	14.0	*N/A
255	Prohibited	31	1.7 - 4.5	1.9	2.0	Yes
284	Prohibited	19	1.7 - 4.5	1.9	2.0	*N/A

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

* N/A - SRS criteria require a minimum of 30 samples from each station. *

† All samples have been verified.

